

## RESULT 2

US-10-473-484-1

; Sequence 1, Application US/10473484  
; Publication No. US20050019324A1  
; GENERAL INFORMATION:  
; APPLICANT: Wreschner, Daniel H.  
; APPLICANT: Yoeli-Lerner, Merav  
; APPLICANT: Smorodinsky, Nechama I.  
; TITLE OF INVENTION: Peptides and Antibodies to MUC 1 Proteins  
; FILE REFERENCE: 15196US02  
; CURRENT APPLICATION NUMBER: US/10/473,484  
; CURRENT FILING DATE: 2003-09-29  
; PRIOR APPLICATION NUMBER: PCT/IL03/00255  
; PRIOR FILING DATE: 2002-03-26  
; PRIOR APPLICATION NUMBER: 60/279,408  
; PRIOR FILING DATE: 2001-03-29  
; NUMBER OF SEQ ID NOS: 3  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1  
; LENGTH: 59  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: MISC\_FEATURE  
; OTHER INFORMATION: Figure 6  
US-10-473-484-1

Query Match 100.0%; Score 289; DB 5; Length 59;  
Best Local Similarity 100.0%;  
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	SVVVQLTLAFREGTINVHDTVETQFNQYKTEAASRYNLTISDVSVDVPFPFSAQSGAG	58
Db	1	SVVVQLTLAFREGTINVHDTVETQFNQYKTEAASRYNLTISDVSVDVPFPFSAQSGAG	58

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Qy      1  FREGTINVHDTVETQFNQYKTEAASRYNLTISDVSVSDVPFPFSAQSGAG  49
          ||||||||||||||||||||||||||||||||||||||||||||
Db      10 FREGTINVHDTVETOFNOYKTEAASRYNLTISDVSVSDVPFPFSAOSGAG  58

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## RESULT 3

ADE48134

ID ADE48134 standard; protein; 65 AA.

XX

AC ADE48134;

XX

DT 29-JAN-2004 (first entry)

XX

DE MUC1-H amino acid sequence.

XX

KW MUC1; cancer; human.

XX

OS Homo sapiens.

XX

PN WO2003089451-A2.

XX

PD 30-OCT-2003.

XX

PF 16-APR-2003; 2003WO-US011808.

XX

PR 22-APR-2002; 2002US-0374432P.

XX

PA (DYAX-) DYAX CORP.

XX

PI Hoogenboom HRJM, Henderikx MPG, Edge ASB;

XX

DR WPI; 2003-845519/78.

XX

PT New polypeptide ligand that specifically binds to an epitope on MUC1 that  
 PT is present on any cell-surface expressed form of MUC1, useful in  
 PT preparing a composition for treating diseases associated with mucin  
 PT polypeptide, e.g., cancer.

XX

PS Claim 9; SEQ ID NO 2; 82pp; English.

XX

CC The present invention relates to a new isolated polypeptide ligand that  
 CC specifically binds to an epitope on MUC1 that is not present on shed MUC1  
 CC but is present on any cell-surface expressed form of MUC1. The  
 CC polypeptide ligand is useful in preparing a composition for treating  
 CC diseases associated with mucin polypeptide, e.g., cancer. The present  
 CC sequence represents an MUC1-H amino acid sequence.

XX

SQ Sequence 65 AA;

Query Match 100.0%; Score 289; DB 1; Length 65;

Best Local Similarity 100.0%;

Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 SVVVQLTLAFREGTINVHDTVETQFNQYKTEAASRYNLTISDVSVSDVPFPFSAQSGAG 58

|||||

Db 1 SVVVQLTLAFREGTINVHDTVETQFNQYKTEAASRYNLTISDVSVSDVPFPFSAQSGAG 58

## RESULT 4

ADE48134

ID ADE48134 standard; protein; 65 AA.

XX

AC ADE48134;

XX

DT 29-JAN-2004 (first entry)

XX

DE MUC1-H amino acid sequence.

XX

KW MUC1; cancer; human.

XX

OS Homo sapiens.

XX

PN WO2003089451-A2.

XX

PD 30-OCT-2003.

XX

PF 16-APR-2003; 2003WO-US011808.

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PA (DYAX-) DYAX CORP.

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PI Hoogenboom HRJM, Henderikx MPG, Edge ASB;

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DR WPI; 2003-845519/78.

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PS Claim 9; SEQ ID NO 2; 82pp; English.

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 CC but is present on any cell-surface expressed form of MUC1. The  
 CC polypeptide ligand is useful in preparing a composition for treating  
 CC diseases associated with mucin polypeptide, e.g., cancer. The present  
 CC sequence represents an MUC1-H amino acid sequence.

XX

SQ Sequence 65 AA;

Query Match 100.0%; Score 251; DB 1; Length 65;

Best Local Similarity 100.0%;

Matches 49; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FREGTINVHDTVETQFNQYKTEAASRYNLTISDVSVDVPPFSAQSGAG 49

|||||

Db 10 FREGTINVHDTVETQFNQYKTEAASRYNLTISDVSVDVPPFSAQSGAG 58